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ISO 1172:1996 - Textile-glass-reinforced plastics - Prepregs, moulding compounds and laminates - Determination of the textile-glass and mineral-filler content - Calcination methods

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Abbreviation

ISO 1172:1996

Valid from

26/12/1996

Information provider

Standards New Zealand

Author

International Organization for Standardization

Information type

ISO Standard

Format

PDF

Cited By

[This resource is cited by 2 documents \(show Citations\)](#)

Description

This International standard specifies two calcination methods for the determination of the textile-glass and mineral-filler content of glass-reinforced plastics:

- Method A: for the determination of the textile-glass content when no mineral fillers are present.
- Method B: for the determination of the textile-glass and mineral-filler content when both

components are present.

Scope

This International standard is applicable to the following types of material: prepregs made from yarns, rovings, tapes or fabrics;

- SMC, BMC and DMC moulding compounds;
- textile-glass-reinforced thermoplastic moulding materials and granules;
- filled or unfilled textile-glass laminates made with thermosetting or thermoplastic resins.

The methods are not applicable to the following types of reinforced plastic:

- those containing reinforcements other than textile glass;
- those containing materials which do not completely burn off at the test temperature (for example, those based on silicone resin);
- those containing mineral fillers which degrade at temperatures below the minimum calcination temperature.

For these materials, ISO 11667, fibre-reinforced plastics moulding compounds and prepregs determination of resin, reinforcement-fibre and mineral-filler content dissolution method, may be used.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Standard is referenced by AS/NZS 1546.1:2008 in regard to septic tanks.

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- [AS/NZS 1546.1:2008](#)

ISO 1172:1996 is cited by AS/NZS 1546.1:2008 On-site domestic wastewater treatment units:
Septic tanks

- [BS EN 13121-3:2008](#)

ISO 1172:1996 is cited by BS EN 13121-3:2008 GRP tanks and vessels for use above ground.
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